

**OPTICAL PICKUP
DEVICE**

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ABSTRACT OF THE DISCLOSURE

10 The present invention relates to an optical device
which includes a first laser diode, a beam splitter, a
first objective lens, a photo-detector, a second laser
diode, a wedged plate beam splitter, a second objective
lens and a collimator. The present invention deploys two
independent transmitting paths. The retrieving paths
share the beam splitter and the photo-detector commonly
at the returning route.